

Author Index

- Ahsan, T. 339
Alexandrov, A.D. 175
Aveyard, R. 339
- Barneveld, P.A. 107
Barraud, A. 123
Baszkin, A. 195
Bavière, M. 301
Bazin, B. 301
Benita, S. 195
Binks, B.P. 339
Bonosi, F. 277
Briscoe, B.J. 219
- Cazabat, A.M. 1
Chakarov, V.M. 175
Chuiko, A.A. 315, 325, 339
Cot, L. 241
Crowley, T.L. 85
- Dalas, E. 185
Davis, H.T. 9
Debacher, N.A. 149
Drummond, C.J. 287
- Fedorenko, O.M. 315, 325, 331
Fisher, L.R. 163
Fraysse, N. 1
- Gabrielli, G. 277
Gale, L. 287
Galvin, K.P. 219
González, G. 207
Grieser, F. 287
Guizard, C. 241
- Heslot, F. 1
Hewitt, D. 163
- Kallitsis, J. 185
Koutsoukos, P.G. 185
Kurbatova, G.T. 315, 325, 331
- Larbot, A. 241
Lee, E.M. 85
Lindheimer, M. 241
Lyakhovich, A.M. 315, 331
- Lycourghiotis, A. 185
Lyklema, J. 107
- McKendrick, C.B. 47
Middea, A. 207
Mikhailik, O.M. 315, 325, 331
Mikhailova, S.S. 315, 325, 331
Miléo, J.-C. 301
Mitchell, E.E. 163
Murray, B.S. 287
- Nancollas, G.H. 231
- Ottewill, R.H. 149
- Palacin, S. 123
Partyka, S. 241
Penfold, J. 85
Perez, L.A. 231
Petkanchin, I.B. 257
Povstugar, V.I. 315, 325, 331
- Ralston, J. 163
Randon, J. 241
Rennie, A.R. 85
- Salem, M.A. 269
Santos Magalhaes, N.S. 195
Scheludko, A.D. 175
Scheutjens, J.M.H.M. 107
Scriven, L.E. 9
Shklovaskaya, N.I. 315, 325, 331
Simister, E.A. 85
Smith, S.J. 47
Stevenson, P.A. 47
- Taneva, S.G. 257
Thomas, R.K. 85
Todorov, G.S. 257
Toshev, B.V. 175
- Vanderlick, T.K. 9
- Wayner Jr, P.C. 71
White, L.R. 287
Wolfe, J. 163
- Yarwood, J. 35

Subject Index

- Adsorption, 71, 85, 241, 301
 onto quartz, 207
 Aggregation, 231
 Air-water interface, 123
 Alkane chain length, 339
 Alkyl phenols, 207
 γ -Aminopropyltriethoxysilane, 331
 Antifoam, 47
 Asphaltene,
 peptization of, 207

 Barrierless condensation, 175
 Binary solutions, 9
 Bubble lifetime, 47
 Bubble radius, 47

 Calcium fluoride, 231
 Capillarity, 71, 219
 Cationic surfactant, 149
 Charge asymmetry, 257
 Chemical stability, 301
 Conductivity, 287
 Contact angles, 149, 219
 Contact line, 219
 motion, 71
 Cosurfactants, 339
 Crystallization kinetics, 231

 Deposition on polymers, 185
 Derivatization technique, 315, 325
 Dewetting, 149
 Diesel fuel, 47
 Diolefinic laser dyes, 269
 Disjoining pressure, 71
 Dioctadecyldimethylammonium bromide
 (DODAC), 277
 Double layer, 123
 Drainage, 163

 Electric light scattering, 257
 Electric moments, 257
 Electrophoresis, 241
 Enhanced oil recovery, 301

 Film tension, 71
 Finely dispersed iron powders, 315, 325, 331
 Flocculation kinetics, 231

 Gamma resonance spectroscopy, 315
 Gas bubble, 163
 Gouy-Chapman model, 123

 Hard rod fluids, 9
 Heterogeneous phase formation, 175
 Hexadecyltrimethylammonium bromide,
 287

 Infrared spectroscopy, 35, 315, 331
 Interfacial compositions, 339
 Interfacial phenomena, 123
 Interfacial rheology, 47

 Kinematic approximation, 85
 Kinetics of precipitation, 185

 Langmuir-Blodgett multilayer, 35, 123, 277
 Line tension, 175
 Liquid films, 107
 Low tensions, 339

 Medium acidity, 269
 Meniscus, 71
 Mica, 149
 surfaces, 9
 Microemulsions, 287, 339
 Molybdenum oxide, 185
 Monolayers, 1, 195, 277

 Neutron reflection, 85
 Non-ionic surfactants, 107, 195
 Nucleation, 175
 rates of, 185

 Oil-in-water, 287
 Oil soluble amphiphiles, 207

 Pendent droplets, 219
 Penetration, 195
 Phase behavior, 301
 Phase change, 71
 Phthalocyanines, 123
 Poloxamer, 195
 Poly(ethylene oxide), 107
 Poly(oxyethylene)poly(oxypropylene) block
 copolymer, 195
 Polymerization in organized systems, 325

- Primary aliphatic amines, 207
Purple membranes, 257
- Reverse Wilson chamber, 175
- Salt effects, 107
Self-consistent field lattice theory, 107
Sessile droplets, 219
Silica-alumina catalyst, 269
Sliding,
 the critical condition, 219
Sodium dodecylbenzene sulphonate, 339
Sodium dodecyl sulphate, 287
Sol-gel process, 241
Solid surfaces, 9, 163
Solvation forces, 9
Solvent distribution, 85
Soya phospholipid, 195
Spray retention, 219
Spreading, 1, 71
Sulfonated esters, 301
Surface active substances, 257
- Surface diffusion, 1
Surface modification, 331
Surface potential, 287
Surface pressure, 195
Surface separation, 9
Surface stabilizing coating, 315, 325
Surfactant, 301
- Thermal undulations, 107
Thin films, 35, 163
- Ultrathin films, 1
- Vesicles, 277
- Wetting, 1, 149
Winsor systems, 33
- X-ray photoelectron spectroscopy, 315, 325, 331
- Zirconia, 241